GOVERNMENT OF INDIA
NON-CONVENTIONAL ENERGY SOURCES
LOK SABHA

UNSTARRED QUESTION NO:7524
ANSWERED ON:16.05.2002
SETTING UP OF BIO GAS PLANTS
JAIBHAN SINGH PAWAIYA

Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) whether Gujarat is leading in bio gas use;

(b) if so, the number of bio gas plants set up in the country, State-wise;

(c) the estimated installed and actual capacity of these plants;

(d) whether the Government have conducted any analysis of the cost profit ratio; and

(e) if so, the details thereof?

Answer

MINISTER OF STATE FOR NON-CONVENTIONAL ENERGY SOURCES (SHRI M. KANNAPPAN)

(a) & (b): Yes, Sir. Gujarat is one of the few States leading in the installation of family type biogas plants under the Central Sector Scheme - National Project on Biogas Development (NPBD)So far about 33.5 lakh family type plants have been set up in the country. State-wise details of number of family type plants set up are given in the Annexure.

(c): The installed capacity of family type plants varies from one to six cubic metres gas production per day. A study entitled `Socio-economic cost-benefit analysis survey of the National Programme on Biogas Development`, which was conducted by National Council of Applied Economic Research (NCAER), New Delhi in the year 1998, reported that on an all-India average basis the capacity utilization varied from 100 per cent in case of one cubic metre plant to 44 per cent in case of 6 cubic metres plant.

(d) & (e): Yes, Sir. The government sponsored study on `Socio-economic cost-benefit analysis survey of the National Programme on Biogas Development` also reported that the most popular fixed dome Deenbandhu Model was economically viable as entire installation cost was recovered in 7 years, when the capital cost was lowered by 10 per cent by way of subsidy.

ANNEXURE

Annexure referred to in reply to part (a) and (b) of the Lok Sabha Unstarred Question No.7524 to be replied on 16-05-2002 regarding Setting up of Bio gas Plants by Shri Jaibhan Singh Pawaiya.

State-wise total number of family type biogas plants set up during the period 1981-82 to 2001-02 under the National Project on Biogas Development (NPBD).

(Number of plants)

State/Union Territory (UT)	NPBD
Andhra Pradesh	332429
Arunachal Pradesh	1172
Assam	49829
Bihar	120490
Chattisgarh	3000
Goa	3355
Gujarat	351605
Haryana	44149
Himachal Pradesh	43933
Jammu & Kashmir	1957
Karnataka	337248
Kerala	79608

Madhya Pradesh	200461
Maharashtra	671135
Manipur	1956
Meghalaya	2009
Mizoram	2818
Nagaland	1657
Orissa	185690
Punjab	68626
Rajasthan	66547
Sikkim	3465
Tamilnadu	201053
Tripura	1703
Uttar Pradesh	367986
West Bengal	203727
Other States and UTs	2117

TOTAL : 3349725